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Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (currently amended) A fluid delivery system, comprising:

a fluid storage vessel;

a first pipe work loop;

said fluid storage vessel being in fluid communication with said first pipe work loop;

said first pipe work loop including a first pump which urges fluid to flow in a first direction through said first pipe work loop at a first pressure and which follows a path of travel that returns to said fluid storage vessel;

at least one pipe work branch;

said fluid storage vessel also being in fluid communication with said at least one pipe work branch;

said pipe work branch including a second pump which urges fluid to flow through said pipe work branch at a second pressure downstream of said second pump;

a branch manifold positioned in said pipe work branch downstream of said second pump;

said branch manifold having a fluid inlet and at least one fluid outlet;

at least a first offtake positioned downstream of said branch manifold;

at least a first hose providing fluid communication between at least a first fluid outlet of said branch manifold and said at least a first offtake from which fluid can be drawn from the system;

a return manifold in said first pipe work loop, downstream of said first pump, said return manifold having a fluid inlet and at least one fluid outlet;

at least a second hose providing fluid communication between said first fluid outlet of said return manifold and said at least one offtake;

whereby fluid flows in said first direction through the return manifold and is returned to the fluid storage vessel when ~~at least one offtake is~~ all of said offtakes are closed;

whereby opening of at least one offtake opens said system to atmospheric pressure;

whereby fluid flowing in said first direction from said at least one offtake to said return manifold is made to flow in a second direction opposite to said first direction when said at least one offtake is opened;

whereby said at least one offtake is supplied with fluid from said return manifold and said branch manifold when said fluid flow is reversed;

whereby said system delivers sterile liquid to at least one remote location downstream from said ~~first~~ at least one offtake while maintaining a continuous flow through the system to inhibit bacterial growth; and

whereby said system has two fluid-carrying circuits that simultaneously deliver water from said fluid storage vessel to ~~a plurality of offtakes~~ at least one offtake when at least one offtake is open and that keep the water circulating when ~~at least one offtake is all offtakes are~~ closed, ~~accomplishing the latter by reversing the flow in the first of the two circuits so that the fluid in both circuits is circulating all the time and under any configuration of offtake closings or openings,~~ said constant circulation inhibiting bacterial growth in the absence of disinfectants and elevated fluid temperatures.

2. (cancelled)

3. (cancelled)

4. (previously presented) A fluid delivery system according to claim 1, further comprising:

said return manifold including a primary fluid inlet and a primary fluid outlet to allow for connection of said return manifold within the first pipe work loop and a plurality of secondary outlets to which said first hoses are connected to allow fluid communication with the offtakes.

5. (previously presented) A fluid delivery system according to claim 1, further comprising:

said branch manifold including a primary fluid inlet and a plurality of secondary outlets to which said second hoses are connected such that the fluid flowing into said branch manifold is constrained to flow to said offtakes.

6. (previously presented) A fluid delivery system according to claim 1, further comprising:

said fluid pressure within the return manifold being greater than the fluid pressure in the branch manifold.

7. (previously presented) A fluid delivery system according to claim 1, further comprising:

said pressures in the branch and return manifolds being above ambient atmospheric pressure such that the opening of an offtake opens the fluid within said branch and return manifolds to atmospheric pressure and the fluid flow direction in the first hose between said offtake and said return manifold reverses so that said fluid is constrained by said branch and return manifolds to flow towards said open offtake.

8. (currently amended) A fluid delivery system according to claim 1, [[.]] further comprising:

a plurality of hose connections made between the branch manifold and the return manifold, each connection consisting of a first hose, a first end of which is connected to one secondary fluid outlet of the return manifold and a second end of which is connected to an offtake, a second hose having a second end connected to the offtake and a first end connected to a secondary fluid outlet of the branch manifold.

9. (previously presented) A fluid delivery system according to claim 8, further comprising:

each respective hose connection between branch and return manifolds sharing a common offtake.

10. (currently amended) A fluid delivery system according to claim 8, further comprising:  
each connection including said first and second hoses, first ends of which are connected to the branch and return manifolds respectively, second ends of which are connected to first and second primary offtakes[[.]], and the connection further comprising ~~one or more~~ at least one secondary offtakes interconnected by intermediary hoses between said first and second primary offtakes and ~~second~~ said at least one secondary offtakes.

11. (currently amended) A fluid delivery system according to claim 1, [[.]] further comprising:

each hose being made of a flexible polymeric or plastics material such as PTFE.

12. (currently amended) A fluid delivery system according to claim 11, [[.]] further comprising:

said hose having a diameter of about 5- 25mm.

13. (currently amended) A fluid delivery system according to claim 1, [[.]] further comprising:

at least one of the first or second pumps being dynamically controlled depending on the fluid pressure within the respective return or branch manifold, and the pump driving fluid through the first pipe work loop being dynamically controlled depending on instantaneous fluid requirements of the system[.] such as the number of offtakes which are open at any one instant.

14. (previously presented) A fluid delivery system according to claim 13, further comprising:

only the second pump being dynamically controlled according to the fluid pressure within the respective return and branch manifolds.

15. (currently amended) A fluid delivery system for the delivery of sterile fluid to a ~~number~~plurality of offtakes, each offtake selectively movable between open and closed configurations, said system including a storage vessel and fluid cleaning components provided in line in a pipe work loop, said pipe work loop including a first pump to urge fluid through said pipe work loop at a first pressure and return fluid to the storage vessel through a return manifold, said system including a second pump, a branch manifold and a said return manifold, said branch and return ~~manifold~~manifolds including, for each offtake, a pipe connection leading from the respective manifolds to ~~said offtake~~respective offtakes such that each offtake of the plurality of offtakes is connected in parallel to the branch and return manifolds, wherein ~~an opening an offtake causes a supply of fluid to that offtake via a respective pipe from the branch and return manifold and does not affect the fluid in the pipework to the other offtakes and causes the direction of fluid flow to reverse in the one or more pipes which connect said one or more opened offtakes with the return manifold.~~ fluid circulates in said system in a first direction from said storage vessel, through said branch manifold, to said offtakes, and back to said storage vessel through said return manifold when all offtakes are closed and in a second, reverse direction from said return manifold to said offtakes when at least one offtake is open.

16. (cancelled)

17. (cancelled)

18. (currently amended) A fluid delivery system, comprising:

a fluid storage vessel;

a first pipe work loop;

said fluid storage vessel being in fluid communication with said first pipe work loop;

said first pipe work loop including a first pump which urges fluid to flow in a first direction through said first pipe work loop at a first pressure and which follows a path of travel that returns to said fluid storage vessel;

at least one pipe work branch;

said fluid storage vessel also being in fluid communication with said at least one pipe work branch;

said at least one pipe work branch including a second pump which urges fluid to flow through said at least one pipe work branch at a second pressure downstream of said second pump;

a branch manifold positioned in said at least one pipe work branch downstream of said second pump;

at least a first offtake positioned downstream of said branch manifold;

at least a first hose providing fluid communication between said branch manifold and said at least a first offtake from which fluid can be drawn from the system;

a return manifold in said first pipe work loop downstream of said first pump;

at least a second hose providing fluid communication between the return manifold and said at least one offtake;

said return manifold having a fluid pressure greater than that of said branch manifold;

whereby fluid flows in said first direction first through the branch manifold and second through the return manifold and is returned to the fluid storage vessel when ~~said at least one offtake is closed~~ all of said offtakes are closed;

whereby opening of said at least one offtake opens said system to atmospheric pressure;

whereby fluid flowing in said first direction between from said offtakes to said return manifold and ~~said at least one offtake~~ is made to flow in a second direction opposite to said first direction when said at least one offtake is opened;

whereby said at least one offtake is supplied with fluid from said return manifold and said branch manifold when said fluid flow is reversed.